IN THE SPECIFICATION:

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~strikethrough~~.

Please REPLACE the paragraph beginning at page 2, line 20, with the following paragraph:

According to this invention, the profile is collected by using an interrupt. Therefore, it is not necessary to bury control codes in the program, or alter the program. This makes it possible, for example, to ~~collecting~~ collect and analyze profiles of subroutine in a program of a final product. A profile comprises, for example, the cumulative execution time of the subroutine, times of calling, the overhead, etc.

Please REPLACE the paragraph beginning at page 8, line 23, with the following paragraph:

It is possible to ~~writes~~ write in the DebugCtlMSR register when operating at privilege level 0 and actual address mode by using a WRMSR instruction. An operating system procedure for protect mode is required in order to allow the user to access the DebugCtlMSR register.